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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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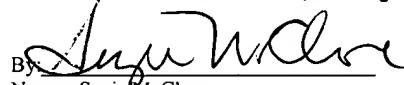
Applicant(s): Steven K. Elliot et al.  
 Docket: ST9-99-024  
 Title: SIGNATURE HASH FOR CHECKING VERSIONS OF ABSTRACT DATA TYPES

## CERTIFICATE OF MAILING UNDER 37 CFR 1.10

'Express Mail' mailing label number: EL307939630US

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I hereby certify that this paper or fee is being deposited with the United States Postal Service 'Express Mail Post Office To Addressee' service under 37 CFR 1.10 and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

By   
 Name: Suzie McCleave

BOX PATENT APPLICATION  
 Assistant Commissioner for Patents  
 Washington, D.C. 20231

Sir:

We are transmitting herewith the attached:

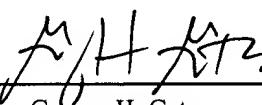
- Transmittal sheet, in duplicate, containing Certificate Of Mailing Under 37 CFR 1.10.
- Utility Patent Application: Spec. 14 pgs; 40 claims; Abstract 1 pg(s).  
 The fee has been calculated as shown below in the "Claims as Filed" table.
- 3 sheets of Drawings
- A signed Declaration and Power of Attorney
- Assignment of the invention to IBM Corporation, Recordation Form Cover Sheet
- A charge to Deposit Account in the amount of \$1,596.00 to cover the Filing Fee
- A charge to Deposit Account in the amount of \$40.00 to cover the Assignment Recordation Fee.
- Information Disclosure Statement, PTO Form 1449 and Cited References
- Return postcard

## CLAIMS AS FILED

Number of Claims Filed	In Excess of:	Number Extra	Rate	Fee
<b>Basic Filing Fee</b>				\$690.00
<b>Total Claims</b>				
40	20	20	x \$18.00	= \$360.00
<b>Independent Claims</b>				
10	3	7	x \$78.00	= \$546.00
<b>MULTIPLE DEPENDENT CLAIM FEE</b>				\$0.00
<b>TOTAL FILING FEE</b>				<b>\$1,596.00</b>

Please charge all fees to Deposit Account No. 09-0460 of I.B.M. Corporation, the assignee of the present application. A duplicate of this sheet is enclosed.

**GATES & COOPER**  
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By:   
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